

APPENDIX A

SAMPLE COLLECTION LOGS AND ANALYSIS REQUEST/CHAIN-OF-CUSTODY RECORDS

SAMPLE COLLECTION LOGS



INTERNATIONAL
TECHNOLOGY
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Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

7/22/02

RFA / COC Number: ~~775~~ 96-072302-EMAX

Location Code: HR-96Q-GP01

Collection Date: 7/22/02

Sample Number: QP0001

Collection Time: 1527

Sample Name: HR-96Q-GP01-SS-QP0001-REG

Start Depth: 0'

Sampling Method: DP HA

End Depth: 1'

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

Sample Team: Leraas / Goins

(TB) NA (ER) 072302-ERL (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-S	N	B	1	8	oz	CW-JAR
----------	---	---	---	---	----	--------

NITROAROMATIC	N	B	1	8	oz	CW-JAR
---------------	---	---	---	---	----	--------

Comments: PID: 0.0

visible contamination - bullets in berm

Sketch Location:

Logged BY / Date: andrews 7/22/02

Reviewed BY / Date: [Signature] 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 96-072302-EMAX

Location Code: HR-96Q-GP01

Collection Date: 7/22/02

Sample Number: QP0002

Collection Time: 1538

Sample Name: HR-96Q-GP01-DS-QP0002-REG

Start Depth: 1'

Sampling Method: DP ~~HA~~

End Depth: 2'

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

(TB) PH (ER) 072502-ER2 (FB) PH

Sample Team: Lavaas/Gonis

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-S	N	B	1	8	oz	CW-JAR
----------	---	---	---	---	----	--------

NITROAROMATIC	N	B	1	8	oz	CW-JAR
---------------	---	---	---	---	----	--------

Comments: PIP: 2.0

visible contamination - bullets in berm

Sketch Location:

Logged BY / Date: Andy Lvaas 7/22/02

Reviewed BY / Date: [Signature] 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 96-072302-ER AX

Location Code: HR-96Q-GP02

Collection Date: 7/22/02

Sample Number: QP0003

Collection Time: 1507

Sample Name: HR-96Q-GP02-SS-QP0003-REG

Start Depth: 0'

Sampling Method: DP HA

End Depth: 1'

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: Leraas / Goins

QC Partners:

(TB) NA (ER) 072502-ER2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID: 0.0

no visible contamination

Sketch Location:

Logged BY / Date: Cindy Leraas 7/22/02

Reviewed BY / Date: [Signature] 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 96-072302-EMAX

Location Code: HR-96Q-GP02

Collection Date: 7/22/02

Sample Number: QP0004

Collection Time: 1511

Sample Name: HR-96Q-GP02-DS-QP0004-REG

Start Depth: 1.5

Sampling Method: DPH

End Depth: 2.5

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: Levaas / Goins

QC Partners:

(TB) NH (ER) 072502-ER2 (FB) NH

ERPIMS Values:

Sacode:

Lot Control#:

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID: 0.0

no visible contamination

Sketch Location:

Logged BY / Date: Cindy Levaas 7/22/02 Reviewed BY / Date: [Signature] 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 96-072302-EMAX

Location Code: HR-96Q-GP02

Collection Date: 7/22/02

Sample Number: QP0005

Collection Time: 1511

Sample Name: HR-96Q-GP02-DS-QP0005-FD

Start Depth: 1.5

Sampling Method: DP HA

End Depth: 2.5

Sample Type: DS

Sample Purpose: FD

Sample Matrix: SOIL

Sample Team: Levaas / Goin's

QC Partners:

(TB) NA (ER) 072302-ER2 (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-S	N	B	1	8	oz	CW-JAR
----------	---	---	---	---	----	--------

NITROAROMATIC	N	B	1	8	oz	CW-JAR
---------------	---	---	---	---	----	--------

Comments: PID: 0.0

no visible contamination

Sketch Location:

Logged BY / Date: Cindy Levaas 7/22/02

Reviewed BY / Date: [Signature] 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 96-072302-EMAX

Location Code: HR-96Q-GP03

Collection Date: 7/22/02

Sample Number: QP0006

Collection Time: 1411

Sample Name: HR-96Q-GP03-SS-QP0006-REG

Start Depth: 0'

Sampling Method: DP HA

End Depth: 1'

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: Leraas/Goins

QC Partners:

(TB) NA (ER) 072502-ER2 (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-S	N	B	1	8	oz	CW-JAR
----------	---	---	---	---	----	--------

NITROAROMATIC	N	B	1	8	oz	CW-JAR
---------------	---	---	---	---	----	--------

Comments: PID: 0.0

no visible contamination

Sketch Location:

Logged BY / Date: Cindy Leraas 7/22/02

Reviewed BY / Date: [Signature] 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 96-072302-EMAX

Location Code: HR-96Q-GP03

Collection Date: 7/22/02

Sample Number: QP0007

Collection Time: 1430

Sample Name: HR-96Q-GP03-DS-QP0007-REG

Start Depth: 1'

Sampling Method: DPTA

End Depth: 2'

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: Levaas/Goins

QC Partners:

(TB) N/A (ER) 072502-ER2 (FB) N/A

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-S	N	B	1	8	oz	CW-JAR
----------	---	---	---	---	----	--------

NITROAROMATIC	N	B	1	8	oz	CW-JAR
---------------	---	---	---	---	----	--------

Comments: PID: 0.0

No visible contamination

Sketch Location:

Logged BY / Date: Cindy Levaas 7/22/02

Reviewed BY / Date: [Signature] 7/23/02



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Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 96-072202-EMMA

Location Code: HR-96Q-GP04

Collection Date: 7/22/02

Sample Number: QP0008

Collection Time: 1032

Sample Name: HR-96Q-GP04-SS-QP0008-REG

Start Depth: 0'

Sampling Method: DP HA

End Depth: 1'

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: Levaas / Gowis

QC Partners:

(TB) NA (ER) 072502-ER2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_N	N	B	1	8	oz	CW-JAR
CL HERBICIDES	N	C	1	8	oz	CW-JAR
CL PESTICIDES	N	C	1	8	oz	CW-JAR
OP PESTICIDES	N	C	1	8	oz	CW-JAR

Comments: PID: 0.0

visible contamination - bullets around staked location

Sketch Location:

Logged BY / Date: Andy Levaas 7/22/02

Reviewed BY / Date: [Signature] 7/22/02



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Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 96-072202-EMAD

Location Code: HR-96Q-GP04

Collection Date: 7/22/02

Sample Number: QP0009

Collection Time: 1056

Sample Name: HR-96Q-GP04-DS-QP0009-REG

Start Depth: 1'

Sampling Method: DP HA

End Depth: 2'

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: Lovaas/Goins

QC Partners:

(TB) N/A (ER) 072502-ER2 (FB) N/A

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers					
	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_N	N	B	1	8	oz	CW-JAR
CL HERBICIDES	N	C	1	8	oz	CW-JAR
CL PESTICIDES	N	C	1	8	oz	CW-JAR
OP PESTICIDES	N	C	1	8	oz	CW-JAR

Comments: PID: 0.0

visible contamination - bullets around staked location

Sketch Location:

Logged BY / Date: Cindy Lovaas 7/22/02

Reviewed BY / Date: K. H. 7/22/02



Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 96-072203-5MAD

Location Code: HR-96Q-GP04

Collection Date: 7/22/02

Sample Number: QP0009-MS

Collection Time: 1056

Sample Name: HR-96Q-GP04-DS-QP0009-MS

Start Depth: 0 1'

Sampling Method: DP HA

End Depth: 2'

Sample Type: DS

Sample Purpose: MS

Sample Matrix: SOIL

Sample Team: Lemaas/Goins

QC Partners:

(TB) WJ (ER) 072502-EKL (FB) N/A

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_N	N	B	1	8	oz	CW-JAR
CL HERBICIDES	N	C	1	8	oz	CW-JAR
CL PESTICIDES	N	C	1	8	oz	CW-JAR
OP PESTICIDES	N	C	1	8	oz	CW-JAR

Comments: PID: 0.0

visible contamination - bullets around staked location

Sketch Location:

Logged BY / Date: Andy Lemaas 7/22/02

Reviewed BY / Date: [Signature] 7/22/02



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Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 96-072202-EM1A ✓

Location Code: HR-96Q-GP04

Collection Date: 7/22/02

Sample Number: QP0009-MSD

Collection Time: 1056

Sample Name: HR-96Q-GP04-DS-QP0009-MSD

Start Depth: 1'

Sampling Method: DP+HA

End Depth: 2'

Sample Type: DS

Sample Purpose: MSD

Sample Matrix: SOIL

Sample Team: Lervaas / Goins

QC Partners:

(TB) NA (ER) 072502-EM2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers					
	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_N	N	B	1	8	oz	CW-JAR
CL HERBICIDES	N	C	1	8	oz	CW-JAR
CL PESTICIDES	N	C	1	8	oz	CW-JAR
OP PESTICIDES	N	C	1	8	oz	CW-JAR

Comments: PID: 0.0

visible contamination - bullets around staked location

Sketch Location:

Logged BY / Date: Andy Lervaas 7/22/02 Reviewed BY / Date: [Signature] 7/22/02



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Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 96-072202-EMAX

Location Code: HR-96Q-MW01

Collection Date: 7/22/02

Sample Number: QP0010

Collection Time: 1138

Sample Name: HR-96Q-MW01-SS-QP0010-REG

Start Depth: 0'

Sampling Method: DP HA

End Depth: 1'

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: Levaas / Goins

QC Partners:

(TB) NP (ER) 072502-ER2 (FB) WH

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-S	N B	1	8	oz	CW-JAR
----------	-----	---	---	----	--------

NITROAROMATIC	N B	1	8	oz	CW-JAR
---------------	-----	---	---	----	--------

Comments: PID: 0.0

no visible contamination

Sketch Location:

Logged BY / Date: Cindy Levaas 7/22/02 Reviewed BY / Date: [Signature] 7/22/02



INTERNATIONAL
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Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 96-072202-EMRN

Location Code: HR-96Q-MW01

Collection Date: 7/22/02

Sample Number: QP0011

Collection Time: 1158

Sample Name: HR-96Q-MW01-DS-QP0011-REG

Start Depth: 1'

Sampling Method: DP HA

End Depth: 2'

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

(TB) NA (ER) 072502-ERL (FB) NA

Sample Team: Levaas / Goins

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID: 0.0

no visible contamination

Sketch Location:

Logged BY / Date: Cindy Levaas 7/22/02

Reviewed BY / Date: [Signature] 7/22/02



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Page 1 of 2

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 96-081602-EMMA

Location Code: HR-96Q-MW01

Collection Date: 08/15/02

Sample Number: QP3001

Collection Time: 1445

Sample Name: HR-96Q-MW01-GW-QP3001-REG

Start Depth: 30'

Sampling Method: BP

End Depth: 45'

Sample Type: GW

Sample Purpose: REG

Sample Matrix: WATER

Sample Team: Jeff A - Jewel C,

QC Partners:

(TB) NA (ER) 081602-ER (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-W N C 1 1 L HDPE

NITROAROMATIC N D 2 1 L Amb. Glass

Comments: _____

Sketch Location:

Logged BY / Date:

Jewel C

Reviewed BY / Date:

08/15/02

Jeff A 8/19/02



Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

Location Code: HR-96Q-MW01

Sample Number: QP3001

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
JAC	0905	27.70	298	4.59	.025	189	8.31	16.94	— .075
	0935	31.98	370	4.00	.024	131	7.00	17.97	2.1
	1005	33.27	377	4.22	.024	79	7.91	16.83	4.2
	1035	34.06	362	4.67	.023	67	9.14	17.76	6.3
	1105	34.68	367	4.87	.023	59	9.38	18.60	8.4
	1135	34.76	347	4.83	.024	51	8.42	19.63	10.5
Shut down! Compressor over heating.									
	1245	34.28	348	4.88	.023	46	9.78	17.24	10.5-.075
	1315	35.52	342	4.81	.022	96	8.76	19.20	12.6
LF-	1345	36.29	335	4.85	.023	98	8.18	19.45	14.7-.045
	1430	36.60	323	4.87	.024	76	6.49	20.39	15.725
	1435	36.63	320	4.86	.023	86	6.45	20.43	15.950
	1440	36.67	319	4.85	.023	93	6.40	20.40	16.145
Sample:	1445	36.70	320	4.85	.022	101	6.41	20.32	16.625

TD - 44.51

DTW - 27.70

$$16.81 \times .163 = 2.74$$

$$2.74 \times 3 = 8.2$$

$$2.74 \times 5 = 13.7$$

PID - 0.0

Metals PH < 2

Decanted Metals Turbidity = 11.3 ntu ^{K.H. 8/19/02}

Logged BY / Date:

Jeanne Yacoub

Reviewed BY / Date:

8/15/02
K.H. 8/19/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 131-071802-EMAN

Location Code: HR-131Q-SW/SD01

Collection Date: 7-18-02

Sample Number: QY2001

Collection Time: 1230

Sample Name: HR-131Q-SW/SD01-SW-QY2001-REG

Start Depth: 0 ft

Sampling Method: GRAB

End Depth: 0 ft

Sample Type: SW

Sample Purpose: REG

Sample Matrix: WATER

QC Partners: K.A. 7/18/02

Sample Team: G Sylwester
N Baden

(TB) 5718 NA (ER) NA (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Analytical Suite **Containers**
Flt Frtn Qty Size Units Type

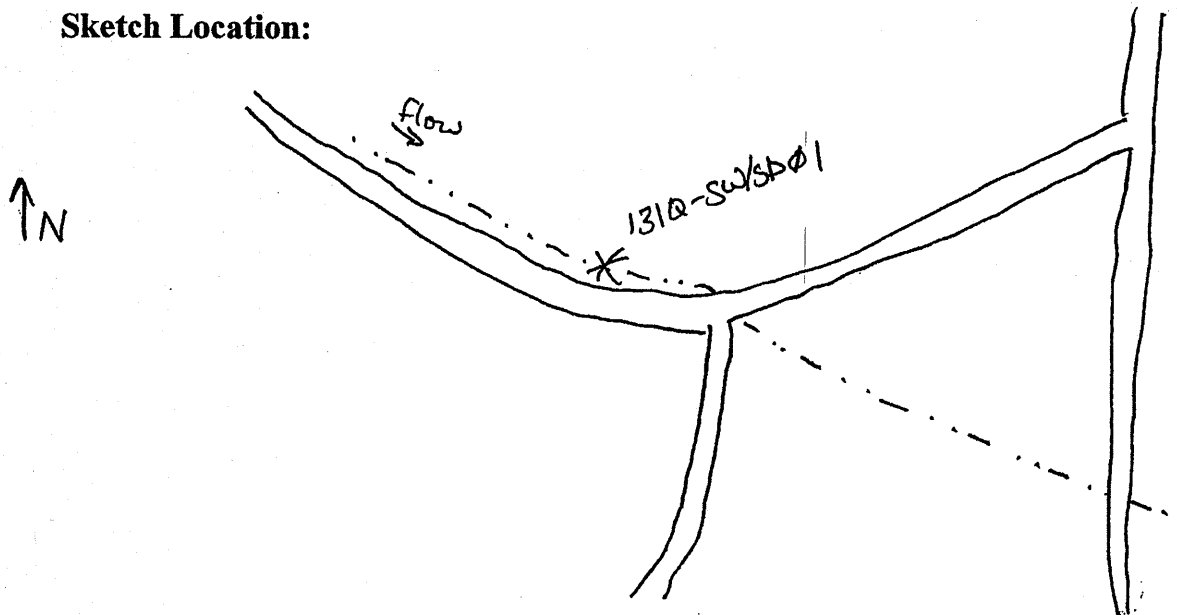
METALS-W N C 1 1 L HDPE

NITROAROMATIC N D 2 1 L Amb. Glass

	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)
Surface Water Parameters:	137	5.96	0.021	0.4	8.39	24.8

Comments: clear, colorless, odorless

Sketch Location:



Logged BY / Date:

[Signature] 7-18-02

Reviewed BY / Date:

[Signature] 7/18/02



**INTERNATIONAL
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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 131-071902-ERL

Location Code: HR-131Q-SW/SD01

Collection Date: 7-18-02

Sample Number: QY1001

Collection Time: 1240

Sample Name: HR-131Q-SW/SD01-SD-QY1001-REG

Start Depth: 0 ft

Sampling Method: HA

End Depth: 0.5 ft

Sample Type: SD

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

Sample Team: G. Sylvester
N. B. Adon

(TB) NA (ER) NA 071902-ERL (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
GR. SIZE	N	D	1	8	oz	CW-JAR
TOC	N	E	1	4	oz	CW-JAR

Comments: brown sand with silt, no odor

Sketch Location:

*See Sample Collection Log
for QY2001*

Logged BY / Date:

[Signature]

7-18-02

Reviewed BY / Date:

[Signature]

7/18/02



Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

145Q-090302-EMAX

RFA / COC Number: ~~No COC~~

Location Code: HR-145Q-DEP01

Collection Date: 03-SEP-02

Sample Number: QR0012

Collection Time: 13:40

Sample Name: HR-145Q-DEP01-DEP-QR0012-REG

Start Depth: 0

Sampling Method: ^{LTJ 9/3/02} HA SSS

End Depth: 1

Sample Type: DEP

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: LY

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_N	N	B	1	8	oz	CW-JAR
CL HERBICIDES	N	C	1	8	oz	CW-JAR
CL PESTICIDES	N	C	1	8	oz	CW-JAR
OP PESTICIDES	N	C	1	8	oz	CW-JAR

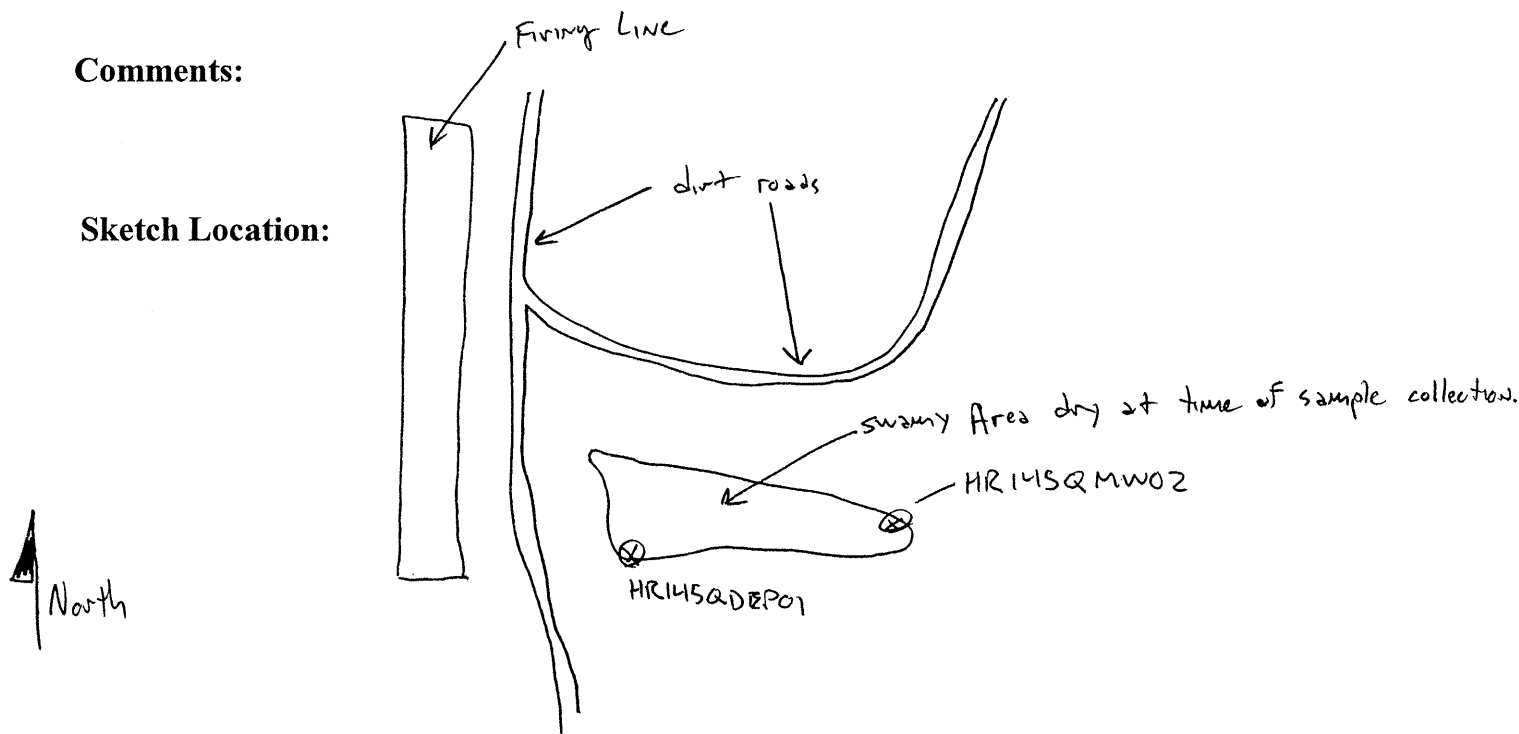
ERPIMS Values:

Sacode:

Lot Control#:

Comments:

Sketch Location:



Logged BY / Date:

^(Lough 1/2 hrs)
JG 9/3/02

Reviewed BY / Date:

J. J. B. L. S. E. W. 9/4/02



Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: ^{145Q-096302-EMAX} ~~No COC~~

Location Code: HR-145Q-DEP01

Collection Date: 03-SEP-02

Sample Number: QR0013

Collection Time: 13:40

Sample Name: HR-145Q-DEP01-DEP-QR0013-FD

Start Depth: 0

Sampling Method: ^{LY 9/3/02} ~~HA~~ SSS

End Depth: 1

Sample Type: DEP

Sample Purpose: FD

Sample Matrix: SOIL

Sample Team: LY

Analytical Suite	Containers					
	Flt	Frtn	Qty	Size	Units	Type
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_N	N	B	1	8	oz	CW-JAR
CL HERBICIDES	N	C	1	8	oz	CW-JAR
CL PESTICIDES	N	C	1	8	oz	CW-JAR
OP PESTICIDES	N	C	1	8	oz	CW-JAR

ERPIMS Values:

Sacode:

Lot Control#:

Comments:

Sketch Location: See sketch for sample # QR0012.

Logged BY / Date: ^(Leah Yates) JJ 9/3/02

Reviewed BY / Date: J. NELSEN 9/4/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 145-07 23 02-EMAX

Location Code: HR-145Q-GP01

Collection Date: 7/22/02

Sample Number: QR0001

Collection Time: 1540

Sample Name: HR-145Q-GP01-SS-QR0001-REG

Start Depth: 0' BGS

Sampling Method: DP HA

End Depth: 1' BGS

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

Sample Team: DAY/SHOEMAKER

(TB) NA (ER) 072502-ER2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID = 0.0 ppm; NO VISIBLE CONTAMINATION.

Sketch Location:

Logged BY / Date: ALL 7/22/02 Reviewed BY / Date: [Signature] 7/23/02



INTERNATIONAL
TECHNOLOGY
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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 145-072302-EMAX

Location Code: HR-145Q-GP01

Collection Date: 7/22/02

Sample Number: QR0002

Collection Time: 1550

Sample Name: HR-145Q-GP01-DS-QR0002-REG

Start Depth: 1' BGS

Sampling Method: DP HA

End Depth: 2' BGS

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

Sample Team: DAY / SITOEMAKER

(TB) NA (ER) 072502-ER2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID = 0.0 ppm.

Sketch Location:

Logged BY / Date: ALQ 7/22/02 Reviewed BY / Date: Kiff 7/23/02



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TECHNOLOGY
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Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 145-072202-ERMAN

Location Code: HR-145Q-GP02

Collection Date: 7/22/02

Sample Number: QR0003

Collection Time: 1123

Sample Name: HR-145Q-GP02-SS-QR0003-REG

Start Depth: 0' BGS

Sampling Method: ~~DP~~ H4

End Depth: 1' BGS

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

Sample Team: DAY/SHOEMAKER

(TB) NA (ER) 072502-ERV (FB) NA

ERPIMS Values:

Sacode: _____

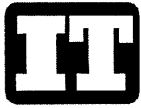
Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID = 0.0ppm; BULLET SHELS ON ROAD NEAR SAMPLE
SITE.

Sketch Location:

Logged BY / Date: Cal C 7/22/02 Reviewed BY / Date: [Signature] 7/22/02



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Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 145-072202-EMAX

Location Code: HR-145Q-GP02

Collection Date: 7/22/02

Sample Number: QR0004

Collection Time: 1139

Sample Name: HR-145Q-GP02-DS-QR0004-REG

Start Depth: 1' BGS

Sampling Method: BP HA

End Depth: 2' BGS

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: DAY / SHOEMAKER

QC Partners:

(TB) NR (ER) 072502-ER (FB) NR

ERPIMS Values:

Sacode:

Lot Control#:

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID = 0.0 ppm, No visible contamination.

Sketch Location:

Logged BY / Date: Carl Oly 7/22/02 Reviewed BY / Date: Kelly 7/22/02



INTERNATIONAL
TECHNOLOGY
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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 145-072302-EMAX

Location Code: HR-145Q-GP03

Collection Date: 7/22/02

Sample Number: QR0005

Collection Time: 1409

Sample Name: HR-145Q-GP03-SS-QR0005-REG

Start Depth: 0' BGS

Sampling Method: ~~DP-HA~~

End Depth: 1' BGS

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: DAY / SHOEMAKER

QC Partners:

(TB) NA (ER) 072502-EK2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID = 0.0ppm

Sketch Location:

Logged BY / Date: ACC 7/22/02 Reviewed BY / Date: [Signature] 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 145-072302-EMAN

Location Code: HR-145Q-GP03

Collection Date: 7/22/02

Sample Number: QR0006

Collection Time: 1420

Sample Name: HR-145Q-GP03-DS-QR0006-REG

Start Depth: 2' BGS

Sampling Method: BPT-HA

End Depth: 3' BGS

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

Sample Team: DAY / SITO EMANUEL

(TB) NA (ER) 072502-EM (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID = 0.0 ppm

Sketch Location:

Logged BY / Date: Paul Oly 7/22/02 Reviewed BY / Date: Keith 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 45-072302-EMAX

Location Code: HR-145Q-MW01

Collection Date: 7/23/02

Sample Number: QR0007

Collection Time: 1132

Sample Name: HR-145Q-MW01-SS-QR0007-REG

Start Depth: 0

Sampling Method: DP/HA

End Depth: 1

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: Day & Wilson

QC Partners:

(TB) NA (ER) 072502-ER2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-S	N	B	1	8	oz	CW-JAR
----------	---	---	---	---	----	--------

NITROAROMATIC	N	B	1	8	oz	CW-JAR
---------------	---	---	---	---	----	--------

Comments: PID 0.0

Sketch Location:

Logged BY / Date: Al Cley 7/23/02 Reviewed BY / Date: [Signature] 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 145-072302-EMAL

Location Code: HR-145Q-MW01

Collection Date: 7/23/02

Sample Number: QR0008

Collection Time: 1141

Sample Name: HR-145Q-MW01-DS-QR0008-REG

Start Depth: 2

Sampling Method: DP HA

End Depth: 3

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: Day & Wilson

QC Partners:

(TB) NA (ER) 072502-ER2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID 0.0 REFUSAL @ 3'

Sketch Location:

Logged BY / Date:

ALCQ 7/23/02

Reviewed BY / Date:

[Signature] 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 145-072302-EMAN

Location Code: HR-145Q-MW01

Collection Date: 7/23/02

Sample Number: QR0009

Collection Time: 1141

Sample Name: HR-145Q-MW01-DS-QR0009-FD

Start Depth: 2

Sampling Method: BP HA

End Depth: 3

Sample Type: DS

Sample Purpose: FD

Sample Matrix: SOIL

Sample Team: Day & Wilson

QC Partners:

(TB) NA (ER) 072502-ER2 (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID 0.0 Refusal @ 3'

Sketch Location:

Logged BY / Date: Al CD 7/23/02 Reviewed BY / Date: [Signature] 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 145-081402-EMAN

Location Code: HR-145Q-MW01

Collection Date: 08/13/02

Sample Number: QR3001

Collection Time: 1445

Sample Name: HR-145Q-MW01-GW-QR3001-REG

Start Depth: 26'

Sampling Method: BP

End Depth: 46'

Sample Type: GW

Sample Purpose: REG

Sample Matrix: WATER

QC Partners:

Sample Team: Jeff A. - Jewel C.

(TB) NA (ER) 081402-ER (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass

Comments: _____

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____

8/14/02



Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

Location Code: HR-145Q-MW01

Sample Number: QR3001

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
OK	0915	21.76	296	5.16	.043	135	7.99	22.19	— .19
	1000	29.41	305	5.00	.024	396	9.60	17.19	4.5
	1045	30.14	249	4.77	.023	115	5.88	17.99	9
	1130	31.62	200	4.79	.023	143	4.77	18.40	13.5
	1215	33.25	215	4.79	.023	207	4.74	20.91	18 — .075g/L
LF.	1315	33.69	204	4.90	.021	49	5.01	21.09	24 22.5 — .065/L
	1400	33.78	213	4.69	.023	44	4.33	22.38	25.425
	1430	33.91	211	4.65	.023	43	4.31	21.75	27.375
	1435	33.92	213	4.63	.023	27	4.23	22.78	27.700
	1440	33.94	210	4.65	.023	23	4.18	23.76	28.025
Sample:	1445	33.93	212	4.65	.023	18	4.25	23.95	28.35

TD - 50.12

DTW - 21.76

$$28.76 \times .163 = 4.623$$

$$4.623 \times 3 = 13.9$$

$$4.623 \times 5 = 23.1134$$

Logged BY / Date:

[Signature]

08/13/02

Reviewed BY / Date:

[Signature] 8/14/02

PID - 0.0
Metals pH < 2



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 145-081402-EMAX

Location Code: HR-145Q-MW01

Collection Date: 08/13/02

Sample Number: QR3001-MS

Collection Time: 1445

Sample Name: HR-145Q-MW01-GW-QR3001-MS

Start Depth: 26'

Sampling Method: BP

End Depth: 46'

Sample Type: GW

Sample Purpose: MS

Sample Matrix: WATER

Sample Team: Jeff A - Jewel C

QC Partners:

(TB) PA (ER) 081602-ER (FB) NP

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass

Comments:

Sketch Location:

Logged BY / Date:

Jewel C

08/13/02
Reviewed BY / Date: Kristi Hogen 8/14/02



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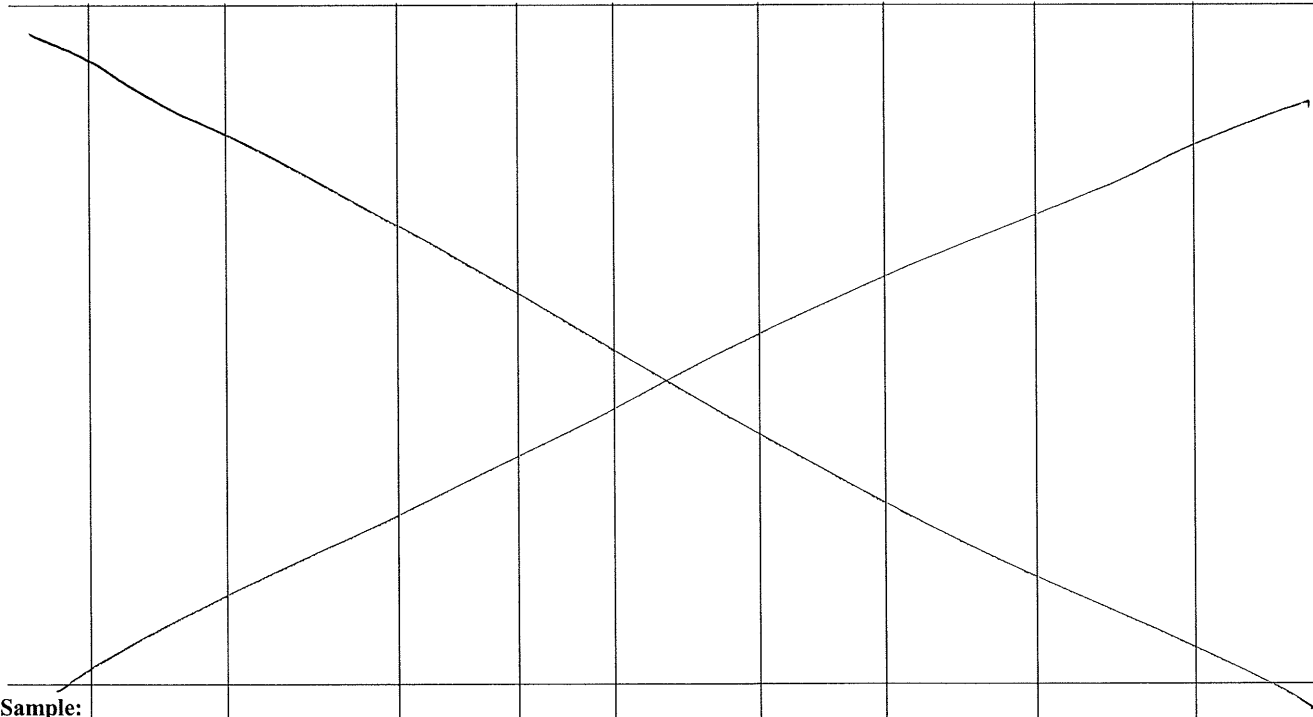
Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

Location Code: HR-145Q-MW01

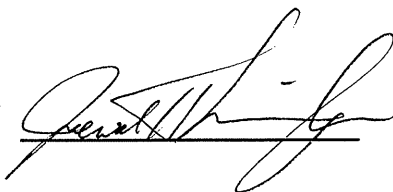
Sample Number: QR3001-MS

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
									
Sample:									

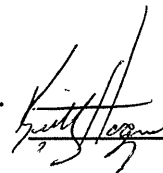
Parameter measurements and calculations are listed on log
S.N. QR3001

Logged BY / Date:



08/13/02

Reviewed BY / Date:



8/14/02



INTERNATIONAL
TECHNOLOGY
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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 145-081402-EMAK

Location Code: HR-145Q-MW01

Collection Date: 08/13/02

Sample Number: QR3001-MSD

Collection Time: 1445

Sample Name: HR-145Q-MW01-GW-QR3001-MSD

Start Depth: 26'

Sampling Method: BP

End Depth: 46'

Sample Type: GW

Sample Purpose: MSD

Sample Matrix: WATER

QC Partners:

(TB) NA (ER) 081602-EK (FB) NA

Sample Team: Jeff A. Jewel C.

ERPIMS Values:

Sacode:

Lot Control#:

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass

Comments:

Sketch Location:

Logged BY / Date:

Jeff A. Jewel

08/13/02

Reviewed BY / Date:

Jeff A. Jewel

8/14/02



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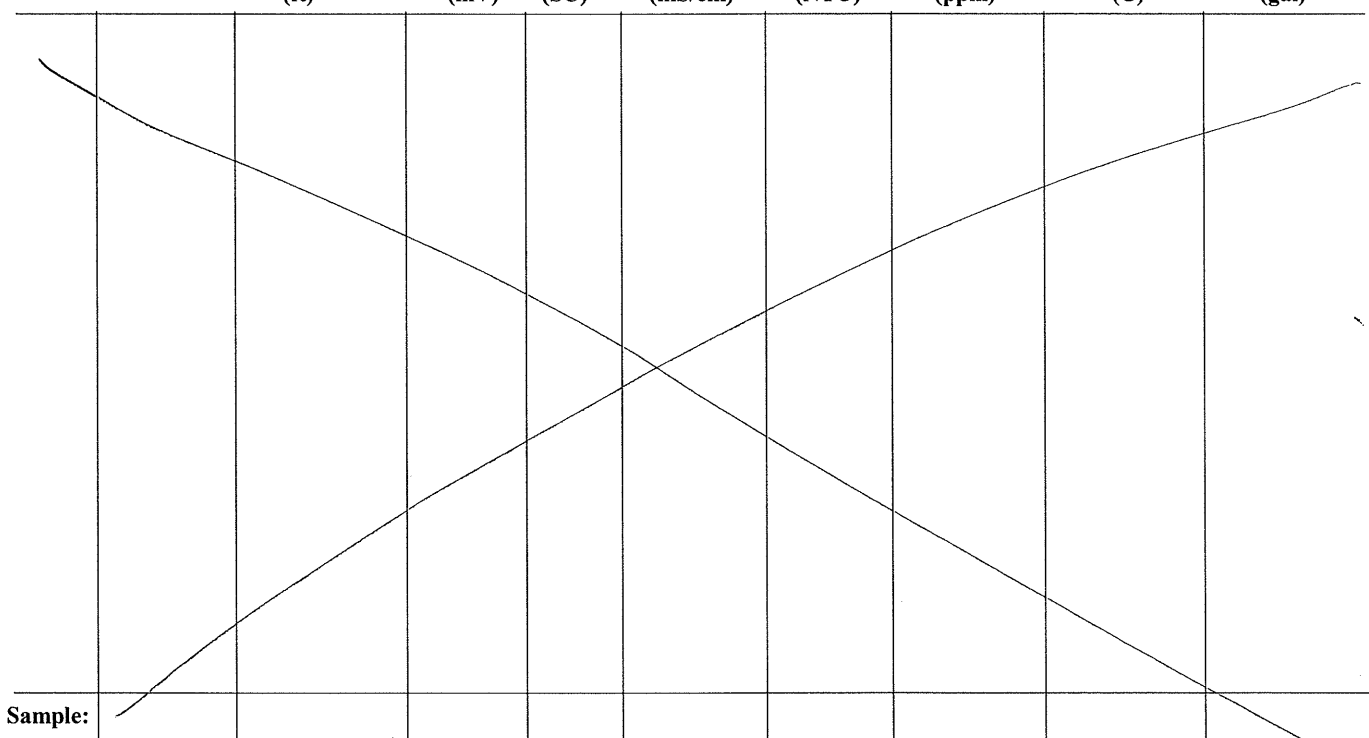
Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

Location Code: HR-145Q-MW01

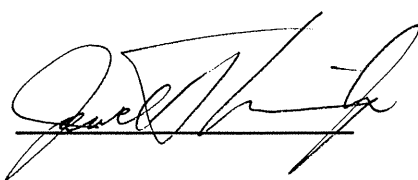
Sample Number: QR3001-MSD

PURGE RECORD:

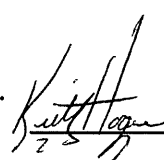
Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
									
Sample:									

Parameters measurements and calculations are listed on Log Sample
NO# QR3001

Logged BY / Date:



Reviewed BY / Date:

08/13/02
 8/14/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 145-081402-UMAK

Location Code: HR-145Q-MW01

Collection Date: 08/13/02

Sample Number: QR3002

Collection Time: 1445

Sample Name: HR-145Q-MW01-GW-QR3002-FD

Start Depth: 26'

Sampling Method: BP

End Depth: 46'

Sample Type: GW

Sample Purpose: FD

Sample Matrix: WATER

QC Partners:

Sample Team: Jeff A. - Jerald C.

(TB) NA (ER) 081602-ER (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass

Comments: _____

Sketch Location:

Logged BY / Date:

8/13/02

Reviewed BY / Date:

8/14/02



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Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

Location Code: HR-145Q-MW01

Sample Number: QR3002

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
Sample:									

Parameter measurements + calculations are listed on Sample Log
NO # QR 3001

Logged BY / Date:

08/13/02

Reviewed BY / Date:

8/14/02



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Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 145-072302-EMAN

Location Code: HR-145Q-MW02

Collection Date: 7/22/02

Sample Number: QR0010

Collection Time: 1438

Sample Name: HR-145Q-MW02-SS-QR0010-REG

Start Depth: 0' BGS

Sampling Method: DPHA

End Depth: 1' BGS

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

Sample Team: DAM / SHOFMAKER

(TB) NA (ER) 072502-EK2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-S	N	B	1	8	oz	CW-JAR
----------	---	---	---	---	----	--------

NITROAROMATIC	N	B	1	8	oz	CW-JAR
---------------	---	---	---	---	----	--------

Comments: PID = 0.0 ppm; NO VISIBLE CONTAMINATION.

Sketch Location:

Logged BY / Date: ALQ 7/22/02 Reviewed BY / Date: K. H. H. 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 145-072302-EMAX

Location Code: HR-145Q-MW02

Collection Date: 7/22/02

Sample Number: QR0011

Collection Time: 1450

Sample Name: HR-145Q-MW02-DS-QR0011-REG

Start Depth: 3' BGS

Sampling Method: DP HA

End Depth: 4' BGS

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

Sample Team: DAY/SIDEMAN

(TB) NA (ER) 072502-ERZ (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: f.i.d = 0.0 ppm .

Sketch Location:

Logged BY / Date: ALQ 7/22/02 Reviewed BY / Date: [Signature] 7/23/02



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Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 145-081302-EMAL

Location Code: HR-145Q-MW02

Collection Date: 08/12/02

Sample Number: QR3003

Collection Time: 1255

Sample Name: HR-145Q-MW02-GW-QR3003-REG

Start Depth: 15'

Sampling Method: ~~BP~~ PP

End Depth: 25'

Sample Type: GW

Sample Purpose: REG

Sample Matrix: WATER

Sample Team: Jeff A-Jewell

QC Partners:

(TB) NA (ER) 081602-ER (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-W	N	C	1	1	L	HDPE
----------	---	---	---	---	---	------

NITROAROMATIC	N	D	2	1	L	Amb. Glass
---------------	---	---	---	---	---	------------

Comments: Decanting Metals!

Sketch Location:

Logged BY / Date: _____

Reviewed BY / Date: _____ 08/13/02



Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

Location Code: HR-145Q-MW02

Sample Number: QR3003

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
LF	1040	17.59	365	4.96	.042	4.3	3.41	15.84	— .19L
	1055	19.02	370	4.71	.039	6.2	2.91	15.29	1.5
	1110	21.09	375	4.84	.040	25	3.22	16.02	3 — .085L
	1125	21.89	369	4.96	.043	16.3	3.29	17.17	4.2
	1140	22.45	316	4.88	.040	140	3.84	18.26	5.4
	1155	22.98	336	4.90	.041	83	2.74	17.22	6.6
	1210	23.55	313	4.98	.040	75	1.94	18.47	7.8 — .055L
	1240	23.76	292	5.03	.041	44	3.39	26.80	9.3
	1245	23.81	291	5.01	.044	46	3.69	21.37	9.55
	1250	24.01	288	5.07	.042	77	3.79	19.87	9.8
		24.26							
Sample:	1255	24.26	293	5.05	.040	53	3.76	19.62	10.05

TD-26.91

DTW-17.59

$$9.32 \times .163 =$$

$$1.52 \times 3 = 4.56 \text{ gallons}$$

$$\times 5 = 7.6 \text{ gallons}$$

Logged BY / Date: [Signature]

Decanted metals Turbidity = 18.3 NTU ^{K.H.} 8/13/02

08/12/02

Reviewed BY / Date: [Signature]

8/13/02



INTERNATIONAL
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Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 1452-090602-EMAX

Location Code: HR-145Q-SW/SD02

Collection Date: 9/6/02

Sample Number: QR2003R

Collection Time: 0900

Sample Name: HR-145Q-SW/SD02-SW-QR2003-REG

Start Depth: 0'

Sampling Method: GRAB

End Depth: 0'

Sample Type: SW

Sample Purpose: REG

Sample Matrix: WATER

QC Partners:

Sample Team: Leigh Yates, Reggie Gans

(TB) NA (ER) NA (FB) NA

ERPIMS Values:

Sacode: _____

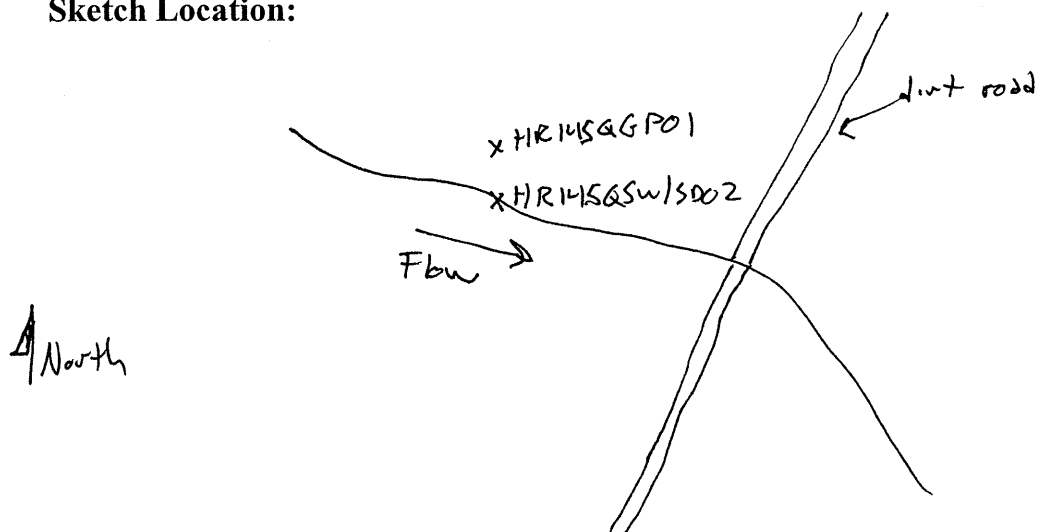
Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-W	N	C	1	1	L	HDPE
NITROAROMATIC	N	D	2	1	L	Amb. Glass

	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)
Surface Water Parameters:	310	5.28	0.045	0	7.33	21.9

Comments: Sample for metals preserved to pH < 2.

Sketch Location:



Logged BY / Date: JG (Leigh Yates) 9/6/02

Reviewed BY / Date: [Signature] 9/18/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 145Q-090602-EMAX

Location Code: HR-145Q-SW/SD02

Collection Date: 9/6/02

Sample Number: QR1002R

Collection Time: 0900

Sample Name: HR-145Q-SW/SD02-SD-QR1002-REG

Sampling Method: HA-SSS

Start Depth: 0'

End Depth: 0.5'

Sample Type: SD

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: Leigh Yates, Reggie Gons

QC Partners:

(TB) RB (ER) 090602-ER2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
GR. SIZE	N	D	1	8	oz	CW-JAR
TOC	N	E	1	4	oz	CW-JAR

Comments: See comments for sample # QR2003R

Sketch Location: See sketch for sample # QR2003R

Logged BY / Date:

(Leigh Yates)
JY 9/6/02

Reviewed BY / Date:

9/18/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 148-072302-EMAX

Location Code: HR-148Q-GP01

Collection Date: 7/23/02

Sample Number: QS0001

Collection Time: 1050

Sample Name: HR-148Q-GP01-SS-QS0001-REG

Start Depth: 0' BGS

Sampling Method: DPH

End Depth: 1' BGS

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

Sample Team: SHOEMAKER/DAM

(TB) NA (ER) 072502-EK2 (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID = 0.0 ppm; SHELL CASINGS ON SURFACE.

Sketch Location:

Logged BY / Date:

al 7/23/02

Reviewed BY / Date:

7/23/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 14B-072302-ERAX

Location Code: HR-148Q-GP01

Collection Date: 7/23/02

Sample Number: QS0002

Collection Time: 1100

Sample Name: HR-148Q-GP01-DS-QS0002-REG

Start Depth: 1' BGS

Sampling Method: ~~DP~~ HA ^{K.H. 7/23/02}

End Depth: 2' BGS

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

(TB) NA (ER) 072502-ERL (FB) NA

Sample Team: SHOEMAKER/DAY

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: P.D = 0.0 ppm

Sketch Location:

Logged BY / Date: Al O'Gy 7/23/02 Reviewed BY / Date: K. Yacoub 7/23/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 148-072302-EMAX

Location Code: HR-148Q-GP02

Collection Date: 7/23/02

Sample Number: QS0003

Collection Time: 1005

Sample Name: HR-148Q-GP02-SS-QS0003-REG

Start Depth: 0' BGS

Sampling Method: DP-HA

End Depth: 1' BGS

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

Sample Team: SHOEMAKER/DAY

(TB) NH (ER) 072502-ER2 (FB) NH

ERPIMS Values:

Sacode:

Lot Control#:

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: 1.0 = 0.0 ppm; NO VISIBLE CONTAMINATION.

Sketch Location:

Logged BY / Date: AL CD 7/23/02 Reviewed BY / Date: Keith Logan 7/23/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 148-072302-EMAN

Location Code: HR-148Q-GP02

Collection Date: 7/23/02

Sample Number: QS0003-MS

Collection Time: 1005

Sample Name: HR-148Q-GP02-SS-QS0003-MS

Start Depth: 0' BGS

Sampling Method: DP HA

End Depth: 1' BGS

Sample Type: SS

Sample Purpose: MS

Sample Matrix: SOIL

QC Partners:

Sample Team: SHOE MAKER / DAY

(TB) N/A (ER) 072502-ER2 (FB) N/A

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers

Analytical Suite Flt Frtn Qty Size Units Type

METALS-S	N	B	1	8	oz	CW-JAR
----------	---	---	---	---	----	--------

NITROAROMATIC	N	B	1	8	oz	CW-JAR
---------------	---	---	---	---	----	--------

Comments: PID = 0.0 ppm; NO VISIBLE CONTAMINATION.

Sketch Location:

Logged BY / Date: Al Oey 7/23/02 Reviewed BY / Date: Jeffrey 7/23/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 148-072302-EMAX

Location Code: HR-148Q-GP02

Collection Date: 7/23/02

Sample Number: QS0003-MSD

Collection Time: 1005

Sample Name: HR-148Q-GP02-SS-QS0003-MSD

Start Depth: 0' 865

Sampling Method: DP HA

End Depth: 1' 865

Sample Type: SS

Sample Purpose: MSD

Sample Matrix: SOIL

QC Partners:

(TB) NA (ER) 072502-ER2 (FB) NA

Sample Team: SHOEMAKER/DAY

ERPIMS Values:

Sacode:

Lot Control#:

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID = 0.0 ppm ; NO VISIBLE CONTAMINATION.

Sketch Location:

Logged BY / Date: Art Oly 7/23/02 Reviewed BY / Date: [Signature] 7/23/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 148-072302-EMAN

Location Code: HR-148Q-GP02

Collection Date: 7/23/02

Sample Number: QS0004

Collection Time: 1017

Sample Name: HR-148Q-GP02-DS-QS0004-REG

Start Depth: 2' BGS

Sampling Method: DP-HA

End Depth: 3' BGS

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

(TB) NA (ER) 072502-ER2 (FB) NA

Sample Team: SHOEMAKER/DAY

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID = 0.0 ppm

Sketch Location:

Logged BY / Date: AL CC 7/23/02 Reviewed BY / Date: [Signature] 7/23/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 148-072302-EMAX

Location Code: HR-148Q-GP03

Collection Date: 7/23/02

Sample Number: QS0005

Collection Time: 0916

Sample Name: HR-148Q-GP03-SS-QS0005-REG

Start Depth: 0' BGS

Sampling Method: DP HA

End Depth: 1' BGS

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

(TB) N/A (ER) 072502-ER2 (FB) N/A

Sample Team: SHOEMAKER / DAY

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID = 0.0 ppm; NO VISIBLE CONTAMINATION.

Sketch Location:

Logged BY / Date: AL CQ 7/23/02 Reviewed BY / Date: [Signature] 7/23/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 148-072302-EMAX

Location Code: HR-148Q-GP03

Collection Date: 7/23/02

Sample Number: QS0006

Collection Time: 0938

Sample Name: HR-148Q-GP03-DS-QS0006-REG

Start Depth: 1' BGS

Sampling Method: DP HA

End Depth: 2' BGS

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

QC Partners:

(TB) NA (ER) 072502-ER2 (FB) NA

Sample Team: SHOEMAKER/DAY

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: PID = 0.0 ppm

Sketch Location:

Logged BY / Date: Paul C. [Signature] 7/23/02

Reviewed BY / Date: [Signature] 7/23/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 148-072302-EMAK

Location Code: HR-148Q-GP03

Collection Date: 7/23/02

Sample Number: QS0007

Collection Time: 0938

Sample Name: HR-148Q-GP03-DS-QS0007-FD

Start Depth: 1' BGS

Sampling Method: DPHA

End Depth: 2' BGS

Sample Type: DS

Sample Purpose: FD

Sample Matrix: SOIL

Sample Team:

QC Partners:

(TB) NA (ER) 072502-ERL (FB) NA

ERPIMS Values:

Sacode:

Lot Control#:

Containers						
Analytical Suite	Flt	Frtn	Qty	Size	Units	Type
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR

Comments: P₁₀ = 0.0 ppm.

Sketch Location:

Logged BY / Date: Al CD 7/23/02 Reviewed BY / Date: [Signature] 7/23/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

RFA / COC Number: 148-072202-EMAB

Location Code: HR-148Q-MW01

Collection Date: 7/22/02

Sample Number: QS0008

Collection Time: 1000

Sample Name: HR-148Q-MW01-SS-QS0008-REG

Start Depth: 0' BGS

Sampling Method: DP HA

End Depth: 1' BGS

Sample Type: SS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: DAY / SHOEMAKER

QC Partners:

(TB) NA (ER) 072502-ER2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_N	N	B	1	8	oz	CW-JAR
CL HERBICIDES	N	C	1	8	oz	CW-JAR
CL PESTICIDES	N	C	1	8	oz	CW-JAR
OP PESTICIDES	N	C	1	8	oz	CW-JAR

Comments: PID = 0.0 ppm; BULLET CASINGS ON GROUND NEAR SAMPLE SITE.

Sketch Location:

Logged BY / Date: AOO 7/24/02 Reviewed BY / Date: [Signature] 7/22/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 1

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 148-072202-EMAK

Location Code: HR-148Q-MW01

Collection Date: 7/22/02

Sample Number: QS0009

Collection Time: 1030

Sample Name: HR-148Q-MW01-DS-QS0009-REG

Start Depth: 1' BGS

Sampling Method: ~~DP~~ HA

End Depth: 2' BGS

Sample Type: DS

Sample Purpose: REG

Sample Matrix: SOIL

Sample Team: DAY / SHOEMAKER

QC Partners:

(TB) NA (ER) 072502-EL2 (FB) NA

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers				Units	Type
	Flt	Frtn	Qty	Size		
VOLATILES_3	N	A	3	5	g	EnCore
METALS-S	N	B	1	8	oz	CW-JAR
NITROAROMATIC	N	B	1	8	oz	CW-JAR
SEMIVOLATILES_N	N	B	1	8	oz	CW-JAR
CL HERBICIDES	N	C	1	8	oz	CW-JAR
CL PESTICIDES	N	C	1	8	oz	CW-JAR
OP PESTICIDES	N	C	1	8	oz	CW-JAR

Comments: PID @ 0.0 ppm

Sketch Location:

Logged BY / Date: Art Day 7/22/02 Reviewed BY / Date: [Signature] 7/22/02



INTERNATIONAL
TECHNOLOGY
CORPORATION

Page 1 of 2

Sample Collection Log

Project: 796887 Fort McClellan

Manager: Jeanne Yacoub

RFA / COC Number: 148-081502-EMAK

Location Code: HR-148Q-MW01

Collection Date: 08-14-02

Sample Number: QS3001

Collection Time: 1155

Sample Name: HR-148Q-MW01-GW-QS3001-REG

Start Depth: 20'

Sampling Method: ~~BP~~ PP

End Depth: 30'

Sample Type: GW

Sample Purpose: REG

Sample Matrix: WATER

Sample Team: Jeff A - Jewel C.

QC Partners:

(TB) 081402-TB (ER) 081602-EL (FB) 10A

ERPIMS Values:

Sacode: _____

Lot Control#: _____

Analytical Suite	Containers					Units	Type
	Flt	Frtn	Qty	Size			
VOLATILES_3	N	A	3	40		mL	VOA Vial
SEMIVOLATILES_N	B		2	1		L	Amb. Glass
METALS-W	N	C	1	1		L	HDPE
NITROAROMATIC	N	D	2	1		L	Amb. Glass
CL HERBICIDES	N	E	2	1		L	Amb. Glass
CL PESTICIDES	N	F	2	1		L	Amb. Glass
OP PESTICIDES	N	G	2	1		L	Amb. Glass

Comments:

Sketch Location:

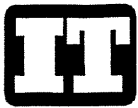
Logged BY / Date:

[Signature]

Reviewed BY / Date:

08-14-02

[Signature] 8/15/02



Sample Collection Log

Project: 796887 Fort McClellan
Manager: Jeanne Yacoub

Location Code: HR-148Q-MW01

Sample Number: QS3001

PURGE RECORD:

Initial	Time(24hr)	DepthtoWater (ft)	Eh (mV)	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	DissOxygen (ppm)	Temperature (C)	Purge Volume (gal)
<i>[Signature]</i>	1025	27.32	314	4.65	.048	27	9.60	19.76	1.05
	1040	27.92	317	4.78	.026	24	9.71	20.17	.75
	1055	28.42	294	5.06	.031	14.7	8.84	21.66	1.5
	1110	28.63	285	4.98	.028	22	9.42	21.12	2.25
	1125	28.83	281	5.04	.028	15.3	9.16	21.87	3
	1140	29.02	278	5.11	.028	12.1	8.85	22.65	3.75
	1145	29.10	277	5.13	.028	10.0	8.89	22.58	4
	1150	29.14	285	4.92	.028 30	8.1	8.68	22.32	4.25
Sample:	1155	29.16	288	4.89	.030	6.4	8.48	21.90	4.50

TD 33.00

DTW-27.32

$5.68 \times 1.63 = .93$

$.93 \times 3 = 2.8$

$.93 \times 5 = 4.63$

Logged BY / Date:

[Signature]

08-14-02

Reviewed BY / Date:

[Signature] 8/15/02

PID - 0.0
Metals PH < 2

ANALYSIS REQUEST/CHAIN-OF-CUSTODY RECORDS



IT CORPORATION

A Member of The IT Group

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

F8 / VS01-03

02G139
02G141 7-7-23-02

Reference Document No: 96-072202-EMAX

Page 1 of 2

Project Number: 796887

Samples Shipment Date: 22 JUL 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Special Instructions: None

Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By
(Signature/Affiliation)

[Signature]

IT
Corp

Date: 7/22/02
Time: 1600

1. Received By
(Signature/Affiliation)

[Signature]

Date: 7-23-02
Time: 9:30A

2. Relinquished By
(Signature/Affiliation)

Date:
Time:

2. Received By
(Signature/Affiliation)

Date:
Time:

3. Relinquished By
(Signature/Affiliation)

Date:
Time:

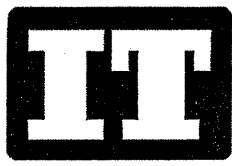
3. Received By
(Signature/Affiliation)

Date:
Time:

Comments: None

Cooler #1, T = 2.0°C
Cooler #2, T = 3.8°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
QP0008	HR-96Q-GP04-SS-QP0008-REG	22 JUL 2002	10:32	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
QP0008	HR-96Q-GP04-SS-QP0008-REG	22 JUL 2002	10:32	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N	
QP0008	HR-96Q-GP04-SS-QP0008-REG	22 JUL 2002	10:32	8 oz CW-JAR	1	None except cool to 4 C	CI Herbicides by 8151A, CI Pesticides by 8081A, OP Pesticides by 8141A	N	
QP0009	HR-96Q-GP04-DS-QP0009-REG	22 JUL 2002	10:56	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
QP0009	HR-96Q-GP04-DS-QP0009-REG	22 JUL 2002	10:56	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N	



IT CORPORATION

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

F8/Vs01-03

02 G 139
~~02 G 141~~ 7-23-02

Reference Document No: 96-072202-EMAX

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
QP0009	HR-96Q-GP04-DS-QP0009-REG	22 JUL 2002	10:56	8 oz CW-JAR	1	None except cool to 4 C	CI Herbicides by 8151A, CI Pesticides by 8081A, OP Pesticides by 8141A	N	
QP0009-MS	HR-96Q-GP04-DS-QP0009-MS-MS	22 JUL 2002	10:56	8 oz CW-JAR	1	None except cool to 4 C	CI Herbicides by 8151A, CI Pesticides by 8081A, OP Pesticides by 8141A	N	
QP0009-MS	HR-96Q-GP04-DS-QP0009-MS-MS	22 JUL 2002	10:56	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N	
QP0009-MS	HR-96Q-GP04-DS-QP0009-MS-MS	22 JUL 2002	10:56	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
QP0009-MSD	HR-96Q-GP04-DS-QP0009-MSD-MSD	22 JUL 2002	10:56	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
QP0009-MSD	HR-96Q-GP04-DS-QP0009-MSD-MSD	22 JUL 2002	10:56	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N	
QP0009-MSD	HR-96Q-GP04-DS-QP0009-MSD-MSD	22 JUL 2002	10:56	8 oz CW-JAR	1	None except cool to 4 C	CI Herbicides by 8151A, CI Pesticides by 8081A, OP Pesticides by 8141A	N	
QP0010	HR-96Q-MW01-SS-QP0010-REG	22 JUL 2002	11:38	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
QP0011	HR-96Q-MW01-DS-QP0011-REG	22 JUL 2002	11:58	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	

1003



IT CORPORATION

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SDG-#02G139
**ANALYSIS REQUEST AND
CHAIN OF CUSTODY RECORD**

G5 02G154
Reference Document No: 96-072302-EMAX
Page 1 of 2

Project Number: 796887

Samples Shipment Date: 23 JUL 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Special Instructions: None

Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By
(Signature/Affiliation)

[Signature]

IT Corp

Date: 7/23/02
Time: 1700

1. Received By
(Signature/Affiliation)

[Signature]

Date: 7-24-02
Time: 9:30 AM

2. Relinquished By
(Signature/Affiliation)

Date:
Time:

2. Received By
(Signature/Affiliation)

Date:
Time:

3. Relinquished By
(Signature/Affiliation)

Date:
Time:

3. Received By
(Signature/Affiliation)

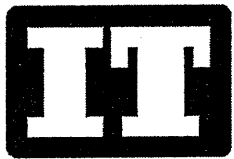
Date:
Time:

Comments: None

Cooler # 2 - T = 2.8°C
Cooler # 5 - T = 3.2°C
Cooler # 3 - T = 2.5°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
1 QP0001	HR-96Q-GP01-SS-QP0001-REG	22 JUL 2002	15:27	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
2 QP0002	HR-96Q-GP01-DS-QP0002-REG	22 JUL 2002	15:38	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
3 QP0003	HR-96Q-GP02-SS-QP0003-REG	22 JUL 2002	15:07	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
4 QP0004	HR-96Q-GP02-DS-QP0004-REG	22 JUL 2002	15:11	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
5 QP0005	HR-96Q-GP02-DS-QP0005-FD	22 JUL 2002	15:11	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	

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SDG # 02 G-139

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

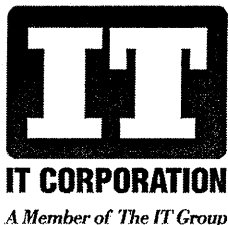
65 02 G-154

Reference Document No: 96-072302-EMAX

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
6 QP0006	HR-96Q-GP03-SS-QP0006-REG	22 JUL 2002	14:11	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
7 QP0007	HR-96Q-GP03-DS-QP0007-REG	22 JUL 2002	14:13	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

02H120

Reference Document No: 96-081602-EMAX

Page 1 of 1

Project Number: 796887

Samples Shipment Date: 16 AUG 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Special Instructions: None

Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

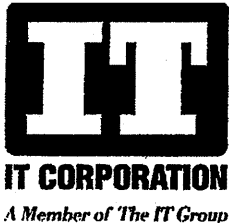
Return to Client ☐ Disposal by Lab ☒ Archive (mos.)1. Relinquished By *[Signature]* *IT Corp* Date: *8/16/02*
(Signature/Affiliation) Time: *1430*1. Received By *SIT NIROV* Date: *8.17.02.*
(Signature/Affiliation) Time: *10:15*2. Relinquished By Date:
(Signature/Affiliation) Time:2. Received By Date:
(Signature/Affiliation) Time:3. Relinquished By Date:
(Signature/Affiliation) Time:3. Received By Date:
(Signature/Affiliation) Time:

Comments: None

T = 2.7°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File	CID	Condition On Receipt
QP3001	HR-96Q-MW01-GW-QP3001-REG	15 AUG 2002	14:45	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
QP3001	HR-96Q-MW01-GW-QP3001-REG	15 AUG 2002	14:45	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

02 6/21

Reference Document No: 131-071802-EMAX
Page 1 of 1

Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: *Normal*

Samples Shipment Date: 18 JUL 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Tim Roth
Carrier/Waybill No.: UPS/

Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923
Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None	
Possible Hazard Identification: Non-hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input checked="" type="checkbox"/>	
Sample Disposal: Return to Client <input type="checkbox"/> Disposal by Lab <input checked="" type="checkbox"/> Archive (mos.)	
1. Relinquished By (Signature/Affiliation) <i>[Signature] IT Corp</i>	Date: 7/18/02 Time: 1:500
1. Received By (Signature/Affiliation) <i>[Signature]</i>	Date: 7-19-02 Time: 9:30 Am
2. Relinquished By (Signature/Affiliation)	Date: Time:
2. Received By (Signature/Affiliation)	Date: Time:
3. Relinquished By (Signature/Affiliation)	Date: Time:
3. Received By (Signature/Affiliation)	Date: Time:
Comments: None <div style="text-align: right; margin-top: 20px;"><i>Cooler # 2 T = 2.9°C Cooler # 4 T = 2.7°C</i></div>	

1001

3.

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
QY0008	HR-131Q-DEP01-DEP-QY0008-REG	18 JUL 2002	08:50	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
QY1001	HR-131Q-SW/SD01-SD-QY1001-REG	18 JUL 2002	12:40	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
QY1001	HR-131Q-SW/SD01-SD-QY1001-REG	18 JUL 2002	12:40	8 oz CW-JAR	1	None Required	Grain Size by ASTM D421/D422	N	
QY1001	HR-131Q-SW/SD01-SD-QY1001-REG	18 JUL 2002	12:40	4 oz CW-JAR	1	None except cool to 4 C	Total Organic Carbon by Walkley Black	N	
QY2001	HR-131Q-SW/SD01-SW-QY2001-REG	18 JUL 2002	12:30	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N	
QY2001	HR-131Q-SW/SD01-SW-QY2001-REG	18 JUL 2002	12:30	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N	



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ANALYSIS REQUEST AND
CHAIN OF CUSTODY RECORD

Reference Document No: 145-072202-EMAX

Page 1 of 1

Project Number: 796887

Samples Shipment Date: 22 JUL 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Special Instructions: None

Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By
(Signature/Affiliation)

[Signature]

*IT
Corp*

Date: 7/22/02
Time: 1600

1. Received By
(Signature/Affiliation)

[Signature]

Date: 7-23-02
Time: 9:30am

2. Relinquished By
(Signature/Affiliation)

Date:
Time:

2. Received By
(Signature/Affiliation)

Date:
Time:

3. Relinquished By
(Signature/Affiliation)

Date:
Time:

3. Received By
(Signature/Affiliation)

Date:
Time:

Comments: None

Cooler # 2, T = 3.8°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File	CID	Condition On Receipt
1. QR0003	HR-145Q-GP02-SS-QR0003-REG	22 JUL 2002	11:23	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N		
2. QR0004	HR-145Q-GP02-DS-QR0004-REG	22 JUL 2002	11:39	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N		

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SDA # 02G142

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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02G157

Reference Document No: 145-072302-EMAX

Page 1 of 2

Project Number: 796887

Samples Shipment Date: 23 JUL 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Special Instructions: None

Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By
(Signature/Affiliation)

[Signature] IT Corp

Date: 7/23/02
Time: 1700

1. Received By
(Signature/Affiliation)

[Signature]

Date: 7-24-02
Time: 9:30 A

2. Relinquished By
(Signature/Affiliation)

Date:
Time:

2. Received By
(Signature/Affiliation)

Date:
Time:

3. Relinquished By
(Signature/Affiliation)

Date:
Time:

3. Received By
(Signature/Affiliation)

Date:
Time:

Comments: None

*Cooler # 2, T = 2.8°C
Cooler # 5, T = 3.2°C*

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File	CID	Condition On Receipt
1	QR0001	HR-145Q-GP01-SS-QR0001-REG	22 JUL 2002	15:40	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
2	QR0002	HR-145Q-GP01-DS-QR0002-REG	22 JUL 2002	15:50	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
3	QR0005	HR-145Q-GP03-SS-QR0005-REG	22 JUL 2002	14:09	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
4	QR0006	HR-145Q-GP03-DS-QR0006-REG	22 JUL 2002	14:20	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
5	QR0007	HR-145Q-MW01-SS-QR0007-REG	23 JUL 2002	11:32	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	

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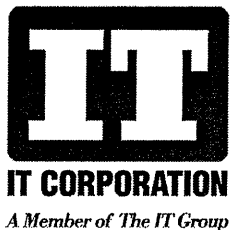
SDA #02G142
**ANALYSIS REQUEST AND
CHAIN OF CUSTODY RECORD**

GS 02G157
Reference Document No: 145-072302-EMAX

Page 2 of 2

	Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
6	QR0008	HR-145Q-MW01-DS-QR0008-REG	23 JUL 2002	11:41	8 oz CW-JAR	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N		
7	QR0009	HR-145Q-MW01-DS-QR0009-FD	23 JUL 2002	11:41	8 oz CW-JAR	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N		
8	QR0010	HR-145Q-MW02-SS-QR0010-REG	22 JUL 2002	14:38	8 oz CW-JAR	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N		
9	QR0011	HR-145Q-MW02-DS-QR0011-REG	22 JUL 2002	14:50	8 oz CW-JAR	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N		

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I21

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

024094

Reference Document No: 145-081302-EMAX

Page 1 of 1

Project Number: 796887

Samples Shipment Date: 13 AUG 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Special Instructions: None

Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

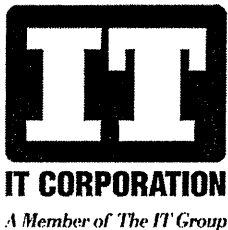
Return to Client ☐ Disposal by Lab ☒ Archive (mos.)1. Relinquished By
(Signature/Affiliation)*Keith Hagan IT Corp*Date: 8/15/02
Time: 13001. Received By
(Signature/Affiliation)*SITNIKOV*Date: 8.14.02.
Time: 9:152. Relinquished By
(Signature/Affiliation)Date:
Time:2. Received By
(Signature/Affiliation)Date:
Time:3. Relinquished By
(Signature/Affiliation)Date:
Time:3. Received By
(Signature/Affiliation)Date:
Time:

Comments: None

T = 2.9°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File	CID	Condition On Receipt
QR3003	HR-145Q-MW02-GW-QR3003-REG	12 AUG 2002	12:55	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N		
QR3003	HR-145Q-MW02-GW-QR3003-REG	12 AUG 2002	12:55	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N		

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

02H102
Reference Document No: 145-081402-EMAX
Page 1 of 1Project Number: 796887
Project Name: Fort McClellan
Sample Coordinator: Oliver Allen
Turnaround Time: *Normal*Samples Shipment Date: 14 AUG 2002
Lab Destination: EMAX Laboratories, Inc.
Lab Contact: Elizabeth McIntyre
Project Contact: Tim Roth
Carrier/Waybill No.: UPS/Bill To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923
Report To: Duane Nielsen
312 Directors Drive
Knoxville TN 37923

Special Instructions: None

Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)1. Relinquished By
(Signature/Affiliation)*[Signature]*
IT Corp.Date: 8/14/02
Time: 14001. Received By
(Signature/Affiliation)*[Signature]*Date: 8-15-02
Time: 09452. Relinquished By
(Signature/Affiliation)Date:
Time:2. Received By
(Signature/Affiliation)Date:
Time:3. Relinquished By
(Signature/Affiliation)Date:
Time:3. Received By
(Signature/Affiliation)Date:
Time:

Comments: None

T = 2.3°C

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Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
QR3001	HR-145Q-MW01-GW-QR3001-REG	14 AUG 2002	14:45	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N	
QR3001	HR-145Q-MW01-GW-QR3001-REG	14 AUG 2002	14:45	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N	
QR3001-MS	HR-145Q-MW01-GW-QR3001-MS-MS	14 AUG 2002	14:45	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N	
QR3001-MS	HR-145Q-MW01-GW-QR3001-MS-MS	14 AUG 2002	14:45	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N	
QR3001-MSD	HR-145Q-MW01-GW-QR3001-MSD-MSD	14 AUG 2002	14:45	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N	
QR3001-MSD	HR-145Q-MW01-GW-QR3001-MSD-MSD	14 AUG 2002	14:45	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N	
QR3002	HR-145Q-MW01-GW-QR3002-FD	14 AUG 2002	14:45	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N	
QR3002	HR-145Q-MW01-GW-QR3002-FD	14 AUG 2002	14:45	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N	

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

027003
Reference Document No: 145Q-090302-EMAX
Page 1 of 2

Project Number: 796887

Samples Shipment Date: 03 SEP 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time:

Not MAC

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Special Instructions:	
Possible Hazard Identification: Non-hazard <input checked="" type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/>	Sample Disposal: Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive (mos.)
1. Relinquished By (Signature/Affiliation) <i>[Signature]</i> DUANE NIELSEN	1. Received By (Signature/Affiliation) <i>[Signature]</i>
Date: 9/3/02 Time: 1600	Date: 9-4-02 Time: 9:15 AM
2. Relinquished By (Signature/Affiliation)	2. Received By (Signature/Affiliation)
Date: Time:	Date: Time:
3. Relinquished By (Signature/Affiliation)	3. Received By (Signature/Affiliation)
Date: Time:	Date: Time:
Comments: <div style="text-align: center;"><i>T=3.5°C</i></div>	

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
QR0012	HR-145Q-DEP01-DEP-QR0012-REG	03 SEP 2002	13:40	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
QR0012	HR-145Q-DEP01-DEP-QR0012-REG	03 SEP 2002	13:40	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N	
QR0012	HR-145Q-DEP01-DEP-QR0012-REG	03 SEP 2002	13:40	8 oz CW-JAR	1	None except cool to 4 C	CI Herbicides by 8151A, CI Pesticides by 8081A, OP Pesticides by 8141A	N	
QR0013	HR-145Q-DEP01-DEP-QR0013-FD	03 SEP 2002	13:40	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N	
QR0013	HR-145Q-DEP01-DEP-QR0013-FD	03 SEP 2002	13:40	8 oz CW-JAR	1	None except cool to 4 C	CI Herbicides by 8151A, CI Pesticides by 8081A, OP Pesticides by 8141A	N	
QR0013	HR-145Q-DEP01-DEP-QR0013-FD	03 SEP 2002	13:40	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils,	N	

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 145Q-090302-EMAX

Page 2 of 2

Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
3 {	QR1002	HR-145Q-SW/SD02-SD-QR1002-REG	03 SEP 2002	10:30	8 oz CW-JAR	1	None except cool to 4 C	Nitroaromatics by 8330, Semivolatiles by 8270C	
	QR1002	HR-145Q-SW/SD02-SD-QR1002-REG	03 SEP 2002	10:30	4 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	
	QR2003	HR-145Q-SW/SD02-SW-QR2003-REG	03 SEP 2002	10:30	1 L HDPE	1	HNO3<pH 2	Total Organic Carbon by Walkley Black	
	QR2003	HR-145Q-SW/SD02-SW-QR2003-REG	03 SEP 2002	10:30	1 L Amb. Glass	2	None except cool to 4 C	TAL Metals by 6010B/7470A - Water	
								Nitroaromatics by 8330	

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

021050

Reference Document No: 145Q-090602-EMAX

Page 1 of 1

Project Number: 796887

Samples Shipment Date: 06 SEP 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

Turnaround Time:

NORMAL

Project Contact: Tim Roth

312 Directors Drive

Knoxville

TN 37923

Carrier/Waybill No.: UPS/

Special Instructions:

Possible Hazard Identification:

Non-hazard ☒ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐

Sample Disposal:

Return to Client ☐ Disposal by Lab ☐ Archive (mos.)

1. Relinquished By
(Signature/Affiliation)

[Signature] DUANE
NIELSEN

Date: 9/6/02
Time: 1600

1. Received By
(Signature/Affiliation)

[Signature] SITNIKOV

Date: 9.07.02.
Time: 10:30

2. Relinquished By
(Signature/Affiliation)

Date:
Time:

2. Received By
(Signature/Affiliation)

Date:
Time:

3. Relinquished By
(Signature/Affiliation)

Date:
Time:

3. Received By
(Signature/Affiliation)

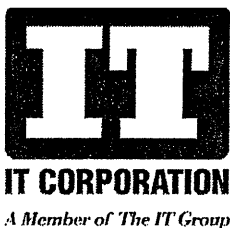
Date:
Time:

Comments:

T=3.3 °C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
QR1002R	HR-145Q-SW/SD02-SD-QR1002R-REG	06 SEP 2002	09:00	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
QR1002R	HR-145Q-SW/SD02-SD-QR1002R-REG	06 SEP 2002	09:00	8 oz CW-JAR	1	None Required	Grain Size by ASTM D421/D422	N	
QR1002R	HR-145Q-SW/SD02-SD-QR1002R-REG	06 SEP 2002	09:00	4 oz CW-JAR	1	None except cool to 4 C	Total Organic Carbon by Walkley Black	N	
QR2003R	HR-145Q-SW/SD02-SD-QR2003R-REG	06 SEP 2002	10:30	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7471A - Water	N	
QR2003R	HR-145Q-SW/SD02-SD-QR2003R-REG	06 SEP 2002	10:30	1 L Amber Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N	

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021051

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 145Q-090602-EMAX

Page 1 of 1

Project Number: 796887

Samples Shipment Date: 06 SEP 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time:

NORMAL

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Special Instructions:

Possible Hazard Identification:

Non-hazard ☒ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐

Sample Disposal:

Return to Client ☐ Disposal by Lab ☐ Archive (mos.)

1. Relinquished By (Signature/Affiliation) *DUANE NIELSEN* Date: 9/6/02 Time: 1600

1. Received By (Signature/Affiliation) *SITNIROV* Date: 9.07.02. Time: 10:30

2. Relinquished By (Signature/Affiliation) Date: Time:

2. Received By (Signature/Affiliation) Date: Time:

3. Relinquished By (Signature/Affiliation) Date: Time:

3. Received By (Signature/Affiliation) Date: Time:

Comments:

$T = 3.3^{\circ}\text{C}$

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
QR1002R	HR-145Q-SW/SD02-SW-QR1002R-REG	06 SEP 2002	09:00	8 oz CW-IAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
QR1002R	HR-145Q-SW/SD02-SW-QR1002R-REG	06 SEP 2002	09:00	8 oz CW-IAR	1	None Required	Grain Size by ASTM D 4215-92	N	
QR1002R	HR-145Q-SW/SD02-SW-QR1002R-REG	06 SEP 2002	09:00	4 oz CW-IAR	1	None except cool to 4 C	Total Organic Carbon by Walkley Black	N	
QR2003R	HR-145Q-SW/SD02-SW-QR2003R-REG	06 SEP 2002	10:30	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N	
QR2003R	HR-145Q-SW/SD02-SW-QR2003R-REG	06 SEP 2002	10:30	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N	

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SDA#02G141

VS01-03 / F8

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02G139723-2

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

Reference Document No: 148-072202-EMAX

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Project Number: 796887

Samples Shipment Date: 22 JUL 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Special Instructions: None

Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By
(Signature/Affiliation)

[Signature]

IT
Corr

Date: 7/22/02
Time: 1600

1. Received By
(Signature/Affiliation)

[Signature]

Date: 7-23-02
Time: 9:30A

2. Relinquished By
(Signature/Affiliation)

Date:
Time:

2. Received By
(Signature/Affiliation)

Date:
Time:

3. Relinquished By
(Signature/Affiliation)

Date:
Time:

3. Received By
(Signature/Affiliation)

Date:
Time:

Comments: None

Cooler #1, T = 2.0°C
Cooler #2, T = 3.8°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File	CID	Condition On Receipt
QS0008	HR-148Q-MW01-SS-QS0008-REG	22 JUL 2002	10:00	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
QS0008	HR-148Q-MW01-SS-QS0008-REG	22 JUL 2002	10:00	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		
QS0008	HR-148Q-MW01-SS-QS0008-REG	22 JUL 2002	10:00	8 oz CW-JAR	1	None except cool to 4 C	CI Herbicides by 8151A, CI Pesticides by 8081A, OP Pesticides by 8141A	N		
QS0009	HR-148Q-MW01-DS-QS0009-REG	22 JUL 2002	10:30	5 g EnCore	3	None except cool to 4 C	Volatiles by 8260B	N		
QS0009	HR-148Q-MW01-DS-QS0009-REG	22 JUL 2002	10:30	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330, Semivolatiles by 8270C	N		

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

F8

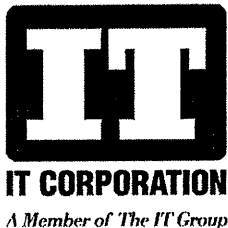
02G141 8
~~02G139~~ 7-23-02

Reference Document No: 148-072202-EMAX

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Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
2. QS0009	HR-148Q-MW01-DS-QS0009-REG	22 JUL 2002	10:30	8 oz CW-JAR	1	None except cool to 4 C	CI Herbicides by 8151A, CI Pesticides by 8081A, OP Pesticides by 8141A	N	

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SDG #02G141
**ANALYSIS REQUEST AND
CHAIN OF CUSTODY RECORD**

GS 02G156
Reference Document No: 148-072302-EMAX
Page 1 of 2

Project Number: 796887

Samples Shipment Date: 23 JUL 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Special Instructions: None

Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By
(Signature/Affiliation)

[Signature] IT Corp

Date: 7/23/02
Time: 1700

1. Received By
(Signature/Affiliation)

[Signature]

Date: 7-24-02
Time: 9:30A

2. Relinquished By
(Signature/Affiliation)

Date:
Time:

2. Received By
(Signature/Affiliation)

Date:
Time:

3. Relinquished By
(Signature/Affiliation)

Date:
Time:

3. Received By
(Signature/Affiliation)

Date:
Time:

Comments: None

Cooler #2, T = 2.8°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
1 QS0001	HR-148Q-GP01-SS-QS0001-REG	23 JUL 2002	10:50	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
2 QS0002	HR-148Q-GP01-DS-QS0002-REG	23 JUL 2002	11:00	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
3 QS0003	HR-148Q-GP02-SS-QS0003-REG	23 JUL 2002	10:05	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
3 QS0003-MS	HR-148Q-GP02-SS-QS0003-MS-MS	23 JUL 2002	10:05	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	
3 QS0003-MSD	HR-148Q-GP02-SS-QS0003-MSD-MSD	23 JUL 2002	10:05	8 oz CW-JAR	1	None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N	



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SDG # 02G141

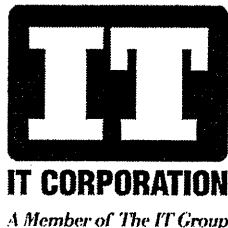
ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

GS 02G156
Reference Document No: 148-072302-EMAX

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	Sample No	Sample Name	Sample Date	Sample Time	Container	Preservative	Requested Testing Program	File	CID	Condition On Receipt
4	QS0004	HR-148Q-GP02-DS-QS0004-REG	23 JUL 2002	10:17	8 oz CW-JAR	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N		
5	QS0005	HR-148Q-GP03-SS-QS0005-REG	23 JUL 2002	09:16	8 oz CW-JAR	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N		
6	QS0006	HR-148Q-GP03-DS-QS0006-REG	23 JUL 2002	09:38	8 oz CW-JAR	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N		
7	QS0007	HR-148Q-GP03-DS-QS0007-FD	23 JUL 2002	09:38	8 oz CW-JAR	1 None except cool to 4 C	TAL Metals by 6010B/7471A - Soils, Nitroaromatics by 8330	N		

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

02 H 111

Reference Document No: 148-081502-EMAX

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Project Number: 796887

Samples Shipment Date: 15 AUG 2002

Bill To: Duane Nielsen

Project Name: Fort McClellan

Lab Destination: EMAX Laboratories, Inc.

312 Directors Drive

Knoxville

TN 37923

Sample Coordinator: Oliver Allen

Lab Contact: Elizabeth McIntyre

Report To: Duane Nielsen

312 Directors Drive

Knoxville

TN 37923

Turnaround Time: *Normal*

Project Contact: Tim Roth

Carrier/Waybill No.: UPS/

Special Instructions: None

Possible Hazard Identification:

Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:

Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

1. Relinquished By
(Signature/Affiliation)

[Signature] IT Corp

Date: 8/15/02

Time: 1430

1. Received By
(Signature/Affiliation)

[Signature]

Date: 8-16-02

Time: 0930

2. Relinquished By
(Signature/Affiliation)

Date:

Time:

2. Received By
(Signature/Affiliation)

Date:

Time:

3. Relinquished By
(Signature/Affiliation)

Date:

Time:

3. Received By
(Signature/Affiliation)

Date:

Time:

Comments: None

T = 2.8°C

Sample No	Sample Name	Sample Date	Sample Time	Container	Ctr Qty	Preservative	Requested Testing Program	File CID	Condition On Receipt
081402-TB	FIELDQC-BW-081402-TB-TB	14 AUG 2002	08:00	40 ml VOA Vial	2	HCl<pH 2	Volatiles by 8260B	N	
QS3001	HR-148Q-MW01-GW-QS3001-REG	14 AUG 2002	11:55	40 mL VOA Vial	3	HCl<pH 2	Volatiles by 8260B	N	
QS3001	HR-148Q-MW01-GW-QS3001-REG	14 AUG 2002	11:55	1 L Amb. Glass	2	None except cool to 4 C	Semivolatiles by 8270C	N	
QS3001	HR-148Q-MW01-GW-QS3001-REG	14 AUG 2002	11:55	1 L HDPE	1	HNO3<pH 2	TAL Metals by 6010B/7470A - Water	N	
QS3001	HR-148Q-MW01-GW-QS3001-REG	14 AUG 2002	11:55	1 L Amb. Glass	2	None except cool to 4 C	Nitroaromatics by 8330	N	
QS3001	HR-148Q-MW01-GW-QS3001-REG	14 AUG 2002	11:55	1 L Amb. Glass	2	None except cool to 4 C	Cl Herbicides by 8151A	N	
QS3001	HR-148Q-MW01-GW-QS3001-REG	14 AUG 2002	11:55	1 L Amb. Glass	2	None except cool to 4 C	Cl Pesticides by 8081A	N	
QS3001	HR-148Q-MW01-GW-QS3001-REG	14 AUG 2002	11:55	1 L Amb. Glass	2	None except cool to 4 C	OP Pesticides by 8141A	N	

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